

Report Created:
5/8/2020 11:15:31 AM

Streamflow Forecast Summary: May 1, 2020 (averages based on 1981-2010 reference period)

Location	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment							
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)	
UPPER YUKON BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)	
Yukon R at Eagle	MAY-JUL	31700	34000	35600	111%	37200	39500	32000	

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
 - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 - 3) Median value used in place of average

CENTRAL YUKON BASIN	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Porcupine R nr Intl Boundary	MAY-JUL	4200	5270	6000	107%	6730	7800	5600
Yukon R nr Stevens Village	MAY-JUL	43500	47700	50500	108%	53300	57500	46800

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 - 3) Median value used in place of average

TANANA BASIN	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Chena R nr Two Rivers	MAY-JUL	305	365	405	159%	450	510	255
Little Chena R nr Fairbanks	MAY-JUL	85	99	108	150%	117	131	72
Salcha R nr Salchaket	MAY-JUL	715	825	900	151%	975	1080	595
Tanana R at Fairbanks	MAY-JUL	6510	7140	7560	108%	7980	8600	7000
Tanana R at Nenana	MAY-JUL	9250	9890	10300	122%	10800	11400	8470

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 - 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
WESTERN INTERIOR BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
	Kuskokwim R at Crooked Creek MAY-JUN	9800	11100	12000	128%	12900	14300	9400

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 - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 - 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment

Chance that actual volume will exceed forecast

ARCTIC AND KOTZEBUE SOUND	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuparuk R nr Deadhorse	MAY-JUL	720	905	1030	130%	1160	1350	795
Sagavanirktok R nr Pump Station 3	MAY-JUL	645	770	850	124%	930	1050	683

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3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

COPPER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gulkana R at Sourdough	MAY-JUL	450	525	580	140%	635	710	415

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2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

MATANUSKA - SUSITNA BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Susitna R nr Palmer	MAY-JUL	88	103	114	143%	124	140	80
Talkeetna R nr Talkeetna	MAY-JUL	1850	1970	2060	135%	2140	2260	1530

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3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

NORTHERN COOK INLET	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Ship Ck nr Anchorage	MAY-JUL	34	42	47	84%	53	61	56

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3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

KENAI PENINSULA	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kenai R at Cooper Landing	MAY-JUL	665	755	815	89%	880	965	920

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2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment							
Chance that actual volume will exceed forecast							

SOUTHEAST	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
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Gold Ck nr Juneau

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